For Research Use Only

TEX264 Recombinant antibody

Catalog Number:84946-5-RR

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Basic Information

Catalog Number:
84946-5-RR

Concentration:
1000 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG23027

GenBank Accession Number:
BC008742

GeneID (NCBI):
51368

UNIPROT ID:
Q9Y6I9

Full Name:
testis expressed 264

Calculated MW:
313 aa, 34 kDa

Observed MW:
37-40 kDa

Purification Method:
Protein A purfication

CloneNo.:
242500B3

Recommended Dilutions:
WB 1:1000-1:6000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse

Positive Controls:

WB : Neuro-2a cells, human testis tissue

Background Information

TEX264 (testes expressed gene 264) is a single-pass transmembrane protein, consisting of an N-terminal hydrophobic region, a gyrase inhibitory (GyrI)-like domain, and a loosely structured C terminus. TEX264 was first identified as an endoplasmic reticulum (ER)-resident Atg8-family-binding protein that mediates the degradation of portions of the ER during starvation (i.e., reticulophagy). TEX264 was identified as a cofactor of VCP/p97 ATPase that promotes the repair of covalently trapped TOP1 (DNA topoisomerase 1)-DNA crosslinks.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
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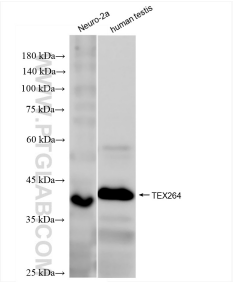
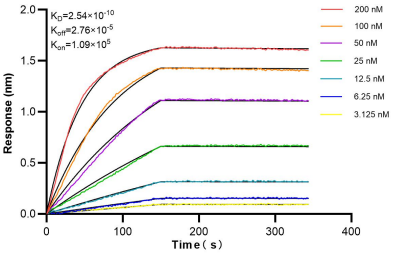
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84946-5-RR (TEX264 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84946-5-RR against Human TEX264 were performed. The affinity constant is 0.254 nM.